

11/73 Queenscliff Rd
Queenscliff, NSW 2096

FINNEAS BUICK

+61 451 370 808
finnbuick@gmail.com
<https://github.com/FinnBuick>

EDUCATION

Sydney, NSW	Macquarie University	2015 - Apr 2021 (Expected)
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- Bachelor of Engineering (Honours) with a Major in Software Engineering. GPA: 3.1/4.0
- Undergraduate Coursework: Algorithms and Data Structures, Algorithm Theory & Design, Object Oriented Programming, Systems Programming, Software Eng., Data Communications, Engineering Project Practices

TECHNICAL EXPERIENCE

Projects

- **Help.me** – An online local marketplace where users can carry out favours for others in exchange for favour points, as well as request favours themselves. Powered by **React**, **Typescript** and **Firebase**. Hosted @ service-barter-comp4050.firebaseio.com
- **Spotify Favorites** – A personal project that uses the RESTful Spotify Web API, **React** and **Express** to present users with a list of their most listened to songs on Spotify. Hosted on **Heroku** @ <https://spotify-favourites.herokuapp.com>.
- **Autonomous Can Picking Robot** – A 3rd year group project to build a robotic system capable of picking up and delivering canned goods from and off a shelving unit. I wrote the control system responsible for the locomotion of the robot using the Arduino Language.
- **Finger Counter** – A 4th year project that could identify the number of fingers a person was holding up in a video stream using computer vision techniques. The program was written in Python and utilized a computer vision library called OpenCV.

EMPLOYMENT

IT Helpdesk	Exhibition Co	2017 – Present
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- Provided colleagues with technical support including troubleshooting hardware and software issues.
- Responsible for the implementation, monitoring, and maintenance of IT systems.
- Saved hours of manual data entry by writing a python script to web scrape a list of potential clients' details from an exhibitors list into a spreadsheet. This was then used by the sales department for cold calling potential clients.

Languages & Technologies

- **Languages:**
Proficient: Python, Java, JavaScript
Prior Experience: C, Swift, Scala, x86 Assembly
- **Technologies:** Git, Linux, React, Flask, CSS, HTML, LaTeX, VSCode